

Idaho Content Standards Library Literacy – Resource

Mathematics

Grade 1

Concepts and Principles of Measurement

Goal 2.1: Understand and use U.S. customary and metric measurements

1.M.2.1.1 – Use non-standard tools and units for measuring length, volume (capacity), and weight. [\(269.01.a\)](#)

1.M.2.1.3 – Tell time to the hour.

Grade 2

Concepts and Principles of Geometry

Goal 4.1: Apply concepts of size, shape, and spatial relationships

2.M.4.1.1 – Recognize, name, build, compare and sort two- and three-dimensional shapes of triangles, rectangles, squares, circles, cones, cubes, spheres, cylinders and pyramids. [\(281.01.a\)](#)

Grade 3

Data Analysis, Probability, and Statistics

Goal 5.1: Understand data analysis

3.M.5.1.1 – Interpret information found in tables, bar graphs and charts. [\(292.01.a\)](#)

Goal 5.2: Collect, organize and display data

3.M.5.2.1 - Collect, organize, and display data in tables, charts or bar graphs to answer a question. [\(292.02.a\)](#)

Grade 4

Data Analysis, Probability, and Statistics

Goal 5.1: Understand data analysis

3.M.5.1.1 – Read and interpret simple tables, charts, bar graphs and line graphs [\(302.01.a\)](#)

Goal 5.2: Collect, organize and display data

4.M.5.2.1 - Collect, organize and display data in tables, charts or bar graphs to answer a question. [\(302.02.a\)](#)

Grade 5

Number and Operation

Goal 1.2: Perform computations accurately

5.M.1.2.7 – Use a variety of strategies to solve real life problems. [\(308.01.a\)](#)

Data Analysis, Probability and Statistics

Goal 5.1: Understand data analysis

5.M.5.1.1 – Read and interpret tables, charts, bar graphs and line graphs. [\(312.01.a\)](#)

Goal 5.2: Collect, organize, and display data

5.M.5.2.1 - Collect, organize and display the data With appropriate notation in tables, charts or bar graphs. [\(312.02.a\)](#)

Grade 6

Number and Operation

Goal 1.2: Perform computations accurately

6.M.1.2.5 – Use a variety of strategies to solve real life problems. (318.01.a)

6.M.1.1.6 – Solve problems using the 4-step process of problem solving (explore, plan, solve and examine). (318.01.b)

Concepts and Principles of Measurement

Goal 2.1: Understand and use U.S. customary and metric measurements

6.M.2.1.2 – Apply estimation of measurement to real world and content problems using standard measuring devices. (319.01.b)

6.M.2.1.3 – Apply understanding of relationships to solve real-world problems related to elapsed time. (319.01.f)

6.M.2.1.4 – Given the formulas, find the perimeter or circumference and area of triangles, circles and parallelograms (all kinds). (319.01.c)

Concepts and Principles of Geometry

Goal 4.1: Apply concepts of size, shape, and spatial relationships

6.M.4.1.2 – Describe relationships among types of one- and two dimensional geometric figures, using their defining properties. (321.01.a)

Data Analysis, Probability and Statistics

Goal 5.1: Understand data analysis

6.M.5.1.1 – Read and interpret tables, charts, and graphs including broken line graphs, bar graphs, frequency tables, line plots, and circle graphs. (322.01.a)

Grade 7

Number and Operation

Goal 1.2: Perform computations accurately

7.M.1.2.6 – Use a variety of strategies including common mathematical formulas to compute problems drawn from real life situations. (328.01.a)

Concepts and Principles of Measurement

Goal 2.1: Understand and use U.S. customary and metric measurements

7.M.2.1.6 – Solve problems involving perimeter and area of rectangles and triangles. (329.01.d)

Concepts and Principles of Geometry

Goal 4.1: Apply concepts of size, shape, and spatial relationships

7.M.4.1.1 – Classify relationships among types of one- and two-dimensional geometric figures, using their defining properties. (331.01.a)

Grade 8

Number and Operation

Goal 1.2: Perform computations accurately

8.M.1.2.6 – Use a variety of strategies including common mathematical formulas to compute problems drawn from real life situations. (338.01.a)

Data Analysis, Probability and Statistics

Goal 5.2: Collect, organize, and display data

8.M.5.2.1 – Collect, organize, and display data with appropriate notation in tables, charts, and graphs including scatter plots, broken line graphs, line plots, bar graphs, histograms and stem-and-leaf plots.

Concepts and Language of Algebra and Functions

Goal 3.6: Apply functions to a variety of problems

8.M.3.6.1 – Use patterns and linear functions to represent and solve problems.
(343.03.a)

Grades 9 - 12

Concepts and Principles of Measurement

Goal 2.1: Understand and use U.S. customary and metric measurements

9.M.2.1.1 – Given the formulas, find the circumference, perimeter, or area of triangles, circles and quadrilaterals and the volume and surface area of rectangular prisms and cylinders. (349.01.a)

Concepts and Principles of Geometry

Goal 4.1: Apply concepts of size, shape and spatial relationships

9.M.4.1.1 / 10.M.4.1.1 – Recognize and use similarity as it relates to size variations in of two- and three-dimensional objects. (351.01.b)

Data Analysis, Probability and Statistics

Goal 5.2: Collect, organize, and display data

9.M.5.2.1 / 10. M.5.2.1 – Collect, organize and display data in tables, charts and graphs. (352.01.a)

Social Studies

Kindergarten

Cultural and Social Development

Goal 1.1: Build and understanding of the cultural and social development of the United States

K.SS.1.1.4 – Share stories, pictures and music of one's own personal life, family and culture. (372.01a)

Organization and Formation of the American System of Government

Goal 4.2: Build an understanding of the organization and formation of the American system of government

K.SS.4.2.1 – Identify symbols of the United States such as the flag, Pledge of Allegiance, Bald Eagle, red, white, and blue. (374.01.a)

Civics and Government

Goal 4.3: Build an understanding that all people in the United States have rights and assume responsibilities

K.SS.4.3.1 – Identify individuals who are helpful to people in their everyday lives.
(375.01.a)

Grade 1

Geography

Goal 2.1: Analyze the spatial organizations of people, places and environment on the earth's surface

1.SS.2.1.1 – Explain what maps and globes represent and how they are used.
(394.01.a)

Grade 3

Cultural and Social Development

Goal 1.1: Build an understanding of the cultural and social development of the United States

3.SS.1.1.1 – Explain that people in the United States share a common heritage through patriotic holidays and symbols. [\(420.01.a\)](#)

Citizen Responsibilities and Rights

Goal 4.1: Build an understanding of the foundational principals of the American political system

3.SS.4.1.2 – Explain that there are benefits for following the laws and consequences for breaking the laws of the community. [\(423.01.a\)](#)

Economic Fundamentals

Goal 3.1: Explain basic economic concepts

3.SS.3.1.2 – Explain the difference between public and private property. [\(424.01.c\)](#)

Grade 4

Citizen Responsibilities and Rights

Goal 4.3: Build an understanding that all people in the United States have rights and assume responsibilities

4.SS.4.3.3 – Identify ways people can monitor and influence the decisions and actions of their state and tribal governments. [\(439.01.a\)](#)

Grade 5

Cultural and Social Development

Goal 1.1: Build an understanding of the cultural and social development of the United States

5.SS.1.1.2 – Explain important national documents, American symbols and U.S. landmarks. [\(452.01.a\)](#)

5.SS.1.1.3 – Discuss significant individuals who have been responsible for bringing about political and social change in the United States. [\(452.01.b\)](#)

5.SS.1.1.4 – Identify influential political and cultural groups throughout American history. [\(452.01.c\)](#)

5.SS.1.1.1 – Describe that American Indians were established societies before the coming of the European settlers. [\(452.01.b\)](#)

Citizen Responsibilities and Rights

Goal 4.3: Build an understanding that all people in the United States have rights and assume responsibilities

5.SS.4.3.2 – Identify some of the personal responsibilities and basic rights of individual freedoms that belong to American citizens. [\(455.01.a\)](#)

Grades 6 - 8

History of Human Civilization

Goal 1.6: Explain the rise of human civilization

6-9.WHC.1.6.1 – Describe types of evidence used by anthropologists, archaeologists and other scholars to reconstruct early human and cultural development. (462.01.a)

6-9.WHC.1.6.2 – Using archaeological evidence, describe the characteristics of early hunter-gatherer communities.

Goal 1.7: Trace how natural resources and technological advances have shaped human civilization.

Goal 1.8: Build an understanding of the cultural and social development of human civilization.

Geography

Goal 2.1: Understand the spatial organizations of people, places and environment on the earth's surface

Goal 2.2: Explain how human actions modify the physical environment and how physical system effect human activity and living conditions

Goal 2.3: Trace the migration and settlement of human populations on the earth's surface

Goal 2.5: Explain how geography enables people to comprehend the relationships between people, places and environments over time

Social Studies – US History

Grades 6 - 12

Critical Thinking and Analytical Skills

Goal 2.1: Understand the spatial organizations of people, places and environment on the earth's surface.

6-9.GEH.2.1.4 – Analyze visual and mathematical data presented in charts, tables, graphs, maps and other graphic organizers to assist in interpreting a historical event. (473.01.a)

Cultural and Social Development

Goal 1.1: Build an understanding of the cultural and social development of the United States.

Foundations of the American Political System

Goal 4.1: Build an understanding of the foundational principals of the American political system.

6-12.USH1.4.1.3 – Evaluate issues in which fundamental values and principles are in conflict, such as between liberty and equality, individual interests and the common good and majority rule and minority protections. (480.01.d)

Social Studies

Grades 9 - 12

Evolution of Democracy

Goal 4.4: Build an understanding of the evolution of democracy

9-12.G.4.4.3 – Provide and evaluate examples of the role of leadership in the changing relationship among the branches of American government.
(490.01.3)

United States Foreign Affairs

Goal 5.1: Build an understanding of multiple perspectives and global interdependence.

Citizen Responsibilities and Rights

Goal 4.3: Build an understanding that all people in the United States have rights and assume responsibilities

Fundamentals

Goal 3.1: Explain basic economic concepts

Science

Kindergarten

Interdisciplinary Concepts

Goal 1.7: Understand that interpersonal relationships are important in scientific endeavors

K.S.1.7.1 – Use cooperation and interaction skills. (538.01.a)

Grade 1

Interdisciplinary Concepts

Goal 1.7: Understand that interpersonal relationships are important in scientific endeavors

1.S.1.7.1 – Demonstrate cooperation and interaction skills. (553.01.a)

Grade 2

Concepts of Scientific Inquiry

Goal 1.6: Understand scientific inquiry and develop critical thinking skills

Technology

Goal 5.2: Understand the relationship between science and technology

Grade 3

Concepts of Scientific Inquiry

Goal 1.6: Understand scientific inquiry and develop critical thinking skills

3.S.1.6.3 – Use appropriate tools and techniques to gather and display data.
(574.01.c)

Technology

Goal 5.2: Understand the relationship between science and technology

Personal and Social Perspectives.

Goal 5.1: Understand common environmental quality issues, both natural and human induced

Interdisciplinary Concepts

Goal 1.8: Understand technical communication

Grade 4

Concepts of Scientific Inquiry

Goal 1.6: Understand scientific inquiry and develop critical thinking skills

4.S.1.6.3 – Use appropriate tools and techniques to gather and display data. ([589.01.c](#))

Interdependence of Organisms and Biological Change

Goal 3.1: Understand the theory of biological evolution

4.S.3.1.1 – Analyze and communicate the adaptations of plants and animals to their environment. ([592.01.a](#))

Technology

Goal 5.2: Understand the relationship between science and technology

4.S.5.2.1 – Identify tools used for space exploration and for scientific investigations. ([595.01.b](#))

Interdisciplinary Concepts

Goal 1.8: Understand technical communication

Grade 5

Concepts of Scientific Inquiry

Goal 1.6: Understand scientific inquiry and develop critical thinking skills

5.S.1.6.6 – Compare alternative explanations and predictions. ([604.01.f](#))

Technology

Goal 5.2: Understand the relationship between science and technology

Grade 6

Concepts of Scientific Inquiry

Goal 1.6: Understand scientific inquiry and develop critical thinking skills

Technology

Goal 5.2: Understand the relationship between science and technology

Interdisciplinary Concepts

Goal 1.8: Understand technical communication

6.S.1.8.1 – Read, give and execute technical instructions. ([628.01.a](#))

Grades 7

Technology

Goal 5.2: Understand the relationship between science and technology

Interdisciplinary Concepts

Goal 1.8: Understand technical communication

7.S.1.8.1 – Read and evaluate technical instructions.

Grades 8 – 10

Concepts of Scientific Inquiry

Goal 1.6: Understand scientific inquiry and develop critical thinking skills

8-9.PS.1.6.1, 8-9.ES.1.6.1 & 9-10.B.1.6.1 – Identify questions and concepts that guide scientific investigations. ([649.01.a](#))

Technology

Goal 5.2: Understand the relationship between science and technology

Interdisciplinary Concepts

Goal 1.8: Understand technical communication

Language Arts

Grade 6-

Reading

Goal 1.2: Acquire concepts about text

Goal 2.3: Acquire skills for comprehending literary text

6.LA.2.3.1 – Describe different genres of fiction and kinds of poetry and the major characteristics of each form. (725.02.a)

Grade 7

Reading

Goal 1.2: Acquire concepts about text

Goal 2.1: Acquire strategies and skills for comprehending text

7.LA.2.1.3 – Make inferences, draw conclusions and form opinions based on information gathered from text and cite evidence to support

Goal 2.3: Acquire skills for comprehending literary text

7.LA.2.3.1 – Read and respond to literature from a variety of genres, including poetry. (734.02.b)

Writing

Goal 2.1: Acquire strategies and skills for comprehending text

7.LA.2.1.3 – Make inferences, draw conclusions and form opinions based on information gathered from text and cite evidence to support.

Goal 4.2: Acquire expository (informational/research) writing skills

7.LA.4.2.2 – Write a research report that supports a main idea with details compiled through a formal research process.

Listening

Goal 6.1: Acquire listening skills

7. LA.6.1.4 – Listen to acquire and summarize information from a variety of sources.

Speaking

Goal 6.2: Acquire speaking skills

7.LA.6.2.2 – Deliver informative presentations that:

- Organize and deliver relevant information about a focused topic.
- Appeal to the background and interests of the audience.
- Use a range of appropriate strategies to make the presentation engaging to the audience. (737.02.a)

Viewing

Goal 6.3: Acquire viewing skills

7.LA.6.3.2 – Demonstrate understanding of graphics, pictures and charts appropriate to grade level. (738.01.a; 738.01.b)

7.LA.6.3.3 – Evaluate the role of media in focusing people’s attention on events and in forming their opinions on issues.

Grade 8

Reading

Goal 1.2: Acquire concepts about text

Goal 2.1: Acquire strategies and skills for comprehending text.

8.LA.2.1.3 – Make inferences, draw conclusions and form opinions based on information gathered from text and cite evidence to support

Goal 2.3: Acquire skills for comprehending literary text

8.LA.2.3.1 – Read and respond to literature from a variety of genres, including poetry. (743.02.a)

Writing

Goal 4.2: Acquire expository (informational/research) writing skills

8.LA.4.2.2 – Write a research report that supports a main idea with details compiled through a formal research process.

8.LA.4.3.1 – Write persuasive compositions that state a position and support it with evidence and emotional appeals.

Speaking

Goal 6.2: Acquire speaking skills

8.LA.6.2.4 – Deliver persuasive presentations that:

- Include a well defined position on a topic.
- Differentiate fact from opinion and support arguments with detailed evidence, examples, reasoning and persuasive language.

Viewing

Goal 6.3: Acquire viewing skills

8.LA.6.3.5 – Apply technical skills and a variety of resources to produce visuals that deliver information.

8.LA.6.3.3 – Evaluate the role of media in focusing people's attention on events and in forming their opinions on issues.

Grades 9 – 12

Reading

Goal 1.2: Acquire concepts about text

9.LA.1.2.2 & 10.LA.1.2.2 – Identify the text characteristics of different genres of literature (752.02.a)

Goal 1.8: Vocabulary and concept development

9.LA.1.8.2 & 10.LA.1.8.2 – Use context analysis to determine the meanings of unfamiliar words. (752.01.a)

11.LA.1.8.2 – Use context analysis to determine the meanings of unfamiliar and multiple-meaning words from American literature. (752.01.a)

12.LA.1.8.2 – Use context analysis to determine the meanings of unfamiliar and multiple-meaning words in literature representing various English speaking cultures and periods. (752.01.a)

Writing

Goal 4.2: Acquire expository (informational/research)writing skills

9.LA.4.3.1 – Write persuasive compositions that organize ideas and evidence in a sustained and effective fashion.

10.LA.4.3.1 – Write persuasive compositions that use specific rhetorical devices to support assertions (e.g., appealing to logic thorough reasoning; appealing to emotion or ethical belief; or relating a personal anecdote or analogy).

11.LA.4.3.1 – Write persuasive compositions that acknowledge and refute opposing arguments.

12.LA.4.3.1 – Write persuasive compositions that take into consideration the validity and reliability of sources.